```
UUU         UUU  TTTTTTTTTTTTTTT     IIIIIIIII     LLL                33333333       222222222
UUU         UUU  TTTTTTTTTTTTTTT     IIIIIIIII     LLL                33333333       222222222
UUU         UUU  TTTTTTTTTTTTTTT     IIIIIIIII     LLL                33333333       222222222
UUU         UUU        TTT              III       LLL             333         333  222         222
UUU         UUU        TTT              III       LLL             333         333  222         222
UUU         UUU        TTT              III       LLL             333         333  222         222
UUU         UUU        TTT              III       LLL                         333             222
UUU         UUU        TTT              III       LLL                         333             222
UUU         UUU        TTT              III       LLL                         333             222
UUU         UUU        TTT              III       LLL                   333             222
UUU         UUU        TTT              III       LLL                   333             222
UUU         UUU        TTT              III       LLL                   333             222
UUU         UUU        TTT              III       LLL                         333         222
UUU         UUU        TTT              III       LLL                         333         222
UUU         UUU        TTT              III       LLL                         333         222
UUU         UUU        TTT              III       LLL             333         333     222
UUU         UUU        TTT              III       LLL             333         333     222
UUU         UUU        TTT              III       LLL             333         333     222
UUUUUUUUUUUUUUU        TTT           IIIIIIIII    LLLLLLLLLLLLLLL     333333333     222222222222222
UUUUUUUUUUUUUUU        TTT           IIIIIIIII    LLLLLLLLLLLLLLL     333333333     222222222222222
UUUUUUUUUUUUUUU        TTT           IIIIIIIII    LLLLLLLLLLLLLLL     333333333     222222222222222
```

```
  SSSSSSSS  EEEEEEEEEE    AAAAAA    RRRRRRRR      CCCCCCCC  HH      HH
  SSSSSSSS  EEEEEEEEEE    AAAAAA    RRRRRRRR      CCCCCCCC  HH      HH
SS          EE          AA      AA  RR      RR  CC          HH      HH
SS          EE          AA      AA  RR      RR  CC          HH      HH
SS          EE          AA      AA  RR      RR  CC          HH      HH
SS          EE          AA      AA  RR      RR  CC          HH      HH
  SSSSSS    EEEEEEEE    AA      AA  RRRRRRRR    CC          HHHHHHHHHH
  SSSSSS    EEEEEEEE    AA      AA  RRRRRRRR    CC          HHHHHHHHHH
        SS  EE          AAAAAAAAAA  RR  RR      CC          HH      HH
        SS  EE          AAAAAAAAAA  RR  RR      CC          HH      HH
        SS  EE          AA      AA  RR    RR    CC          HH      HH      ....
        SS  EE          AA      AA  RR    RR    CC          HH      HH      ....
SSSSSSSS    EEEEEEEEEE  AA      AA  RR      RR    CCCCCCCC  HH      HH      ....
SSSSSSSS    EEEEEEEEEE  AA      AA  RR      RR    CCCCCCCC  HH      HH      ....


MM      MM    AAAAAA    PPPPPPPP
MM      MM    AAAAAA    PPPPPPPP
MMMM  MMMM  AA      AA  PP      PP
MMMM  MMMM  AA      AA  PP      PP
MM  MM  MM  AA      AA  PP      PP
MM  MM  MM  AA      AA  PP      PP
MM      MM  AA      AA  PPPPPPPP
MM      MM  AA      AA  PPPPPPPP
MM      MM  AAAAAAAAAA  PP
MM      MM  AAAAAAAAAA  PP
MM      MM  AA      AA  PP
MM      MM  AA      AA  PP
MM      MM  AA      AA  PP
MM      MM  AA      AA  PP
```

Object Module Synopsis

Module Name	Ident	Bytes	File	Creation Date	Creator
SEARCH	V04-000	11360	_255DUA28:[UTIL32.OBJ]UTIL32.OLB;1	16-Sep-1984 02:20	VAX-11 Bliss-32 V4.0-742
SEARCHMSG	0	42	_255DUA28:[UTIL32.OBJ]UTIL32.OLB;1	16-SEP-1984 02:17	VAX-11 Message V04-00
CLI$INTERFACE	V04-000	516	_255DUA28:[SYSLIB]STARLET.OLB;2	16-Sep-1984 00:32	VAX-11 Bliss-32 V4.0-742
CLI$GLOBALS	V04-000	0	_255DUA28:[SYSLIB]STARLET.OLB;2	15-SEP-1984 23:38	VAX/VMS Macro V04-00
SYS$P1_VECTOR	V04-000	0	_255DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 00:40	VAX/VMS Macro V04-00
LIBRTL	V04-000	0	_255DUA28:[SYSLIB]LIBRTL.EXE;1	16-SEP-1984 04:00	VAX-11 Linker V04-00

```
                                        +-------------------------+
                                        ! Image Section Synopsis !
                                        +-------------------------+

   Cluster       Type Pages   Base Addr  Disk VBN PFC Protection and Paging      Global Sec. Name   Match      Majorid   Minorid
   -------       ---- -----   ---------  -------- --- ---------------------      ----------------   -----      -------   -------

DEFAULT_CLUSTER    0     2    00000200          2   0 READ ONLY
                   0     4    00000600          4   0 READ WRITE   COPY ON REF
                   0    10    00000E00          0   0 READ WRITE DEMAND ZERO
                   0     9    00002200          8   0 READ ONLY
                   0     1  P-00003400         17   0 READ WRITE   COPY ON REF
                   0     1    00003600         18   0 READ WRITE   FIXUP VECTORS
                 253    40    7FFFB000          0   0 READ WRITE DEMAND ZERO

LIBRTL             3   111    00000000-R        0   0 READ ONLY                  LIBRTL_001       LESS/EQUAL        1        11
                   4     1    0000DE00-R        0   0 READ WRITE DEMAND ZERO     LIBRTL_002       LESS/EQUAL        1        11


          Key for special characters above:
                +-------------------+
                ! R  - Relocatable !
                ! P  - Protected   !
                +-------------------+
```

```
                                        +--------------------------+
                                        ! Program Section Synopsis !
                                        +--------------------------+

Psect Name      Module Name       Base     End          Length          Align              Attributes
----------      -----------       ----     ---          ------          -----              ----------

$PLIT$                            00000200 000004BE 000002BF (      703.) LONG 2 NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE,  RD,NOWRT,NOVEC
                SEARCH            00000200 000004BE 000002BF (      703.) LONG 2

$OWN$_CRF                         00000600 00000D1C 0000071D (     1821.) LONG 2 NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE,  RD,  WRT,NOVEC
                SEARCH            00000600 00000D1C 0000071D (     1821.) LONG 2

$OWN$_DZRO                        00000D20 0000206B 0000134C (     4940.) LONG 2 NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE,  RD,  WRT,NOVEC
                SEARCH            00000D20 0000206B 0000134C (     4940.) LONG 2

$CODE$                            00002200 0000333B 0000113C (     4412.) LONG 2 NOPIC,USR,CON,REL,LCL,NOSHR,  EXE,  RD,NOWRT,NOVEC
                SEARCH            00002200 00003137 00000F38 (     3896.) LONG 2
                CLI$INTERFACE     00003138 0000333B 00000204 (      516.) LONG 2

MSGPTR$AAAAAAAA                   00003400 0000340F 00000010 (       16.) LONG 2   PIC,USR,OVR,REL,LCL,NOSHR,NOEXE,  RD,  WRT,  VEC
                SEARCHMSG         00003400 0000340F 00000010 (       16.) LONG 2

MSGPTR$AAAAAAAB                   00003410 00003413 00000004 (        4.) LONG 2   PIC,USR,CON,REL,LCL,NOSHR,NOEXE,  RD,  WRT,  VEC
                SEARCHMSG         00003410 00003413 00000004 (        4.) LONG 2

MSGPTR$AAAAAAAC                   00003414 00003417 00000004 (        4.) LONG 2   PIC,USR,OVR,REL,LCL,NOSHR,NOEXE,  RD,  WRT,  VEC
                SEARCHMSG         00003414 00003417 00000004 (        4.) LONG 2

MSGPTR$SECTION                    00003418 00003429 00000012 (       18.) BYTE 0   PIC,USR,CON,REL,LCL,NOSHR,NOEXE,  RD,  WRT,  VEC
                SEARCHMSG         00003418 00003429 00000012 (       18.) BYTE 0
```

Symbol Cross Reference

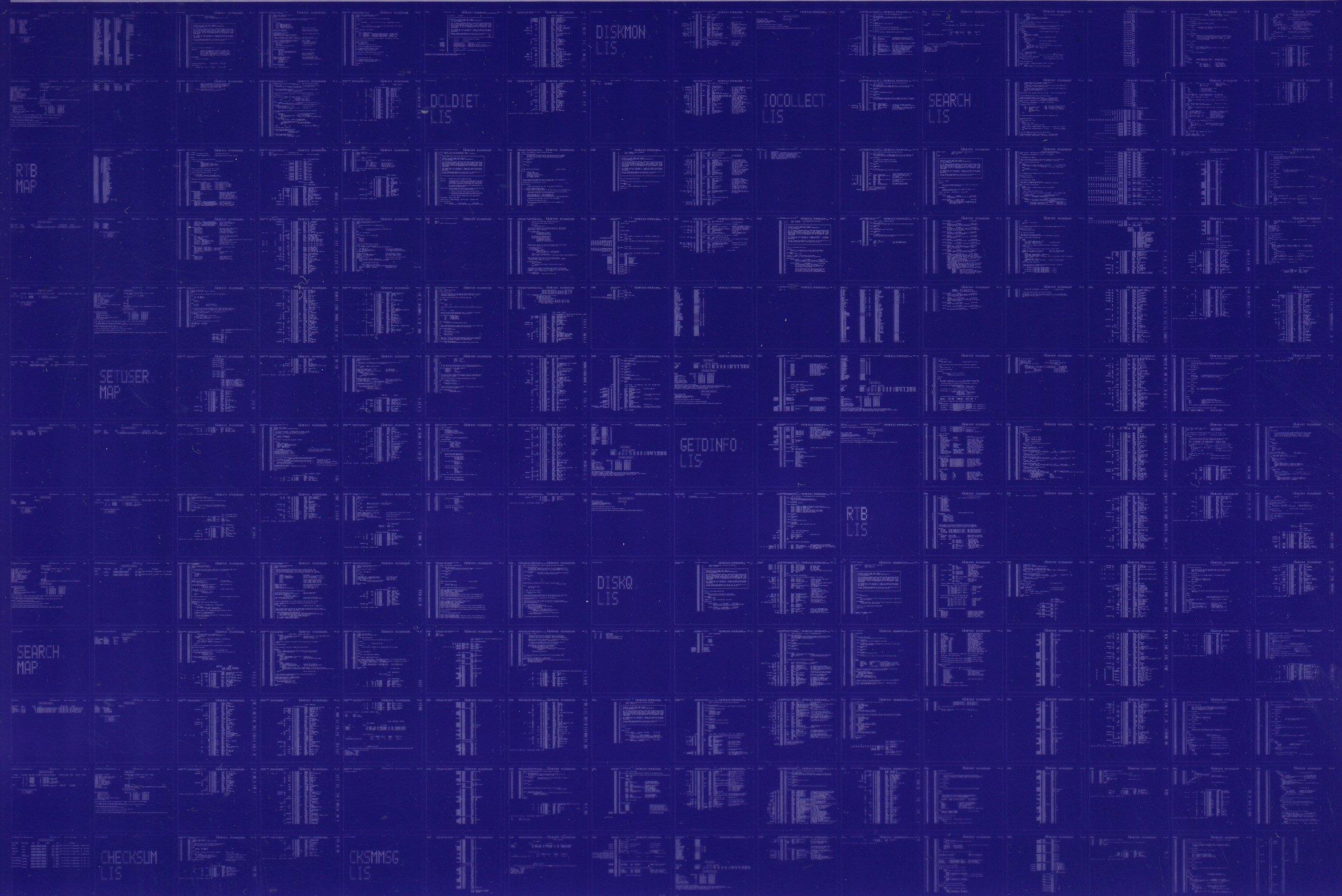
Symbol	Value	Defined By	Referenced By ...	
CLI$DCL_PARSE	00003207-R	CLI$INTERFACE		
CLI$DISPATCH	000032B8-R	CLI$INTERFACE		
CLI$GET_VALUE	0000317B-R	CLI$INTERFACE	SEARCH	
CLI$NEXT_QUAL	000032F9-R	CLI$INTERFACE		
CLI$PRESENT	00003138-R	CLI$INTERFACE	SEARCH	
CLI$_ABSENT	000381F0	CLI$GLOBALS	CLI$INTERFACE	
CLI$_COMMA	0003FD39	CLI$GLOBALS	CLI$INTERFACE	
CLI$_CONCAT	0003FD29	CLI$GLOBALS	CLI$INTERFACE	
CLI$_DEFAULTED	0003FD21	CLI$GLOBALS	CLI$INTERFACE	
CLI$_LOCNEG	00038230	CLI$GLOBALS	CLI$INTERFACE	
CLI$_LOCPRES	0003FD31	CLI$GLOBALS	CLI$INTERFACE	
CLI$_NEGATED	000381F8	CLI$GLOBALS	CLI$INTERFACE	
CLI$_NOCOMD	000380B0	CLI$GLOBALS	CLI$INTERFACE	
CLI$_PRESENT	0003FD19	CLI$GLOBALS	CLI$INTERFACE	
LIB$FILE_SCAN	0000365C-RX	LIBRTL	SEARCH	
LIB$FREE_VM	0000364C-RX	LIBRTL	CLI$INTERFACE	
LIB$GET_VM	00003670-RX	LIBRTL	CLI$INTERFACE	SEARCH
LIB$LOOKUP_KEY	00003660-RX	LIBRTL	SEARCH	
LIB$PUT_OUTPUT	00003664-RX	LIBRTL	SEARCH	
LIB$SIGNAL	0000366C-RX	LIBRTL	SEARCH	
LIB$STOP	00003668-RX	LIBRTL	SEARCH	
OTS$CVT_TI_L	00003658-RX	LIBRTL	SEARCH	
SEARCH$_FACILITY	000008D7	SEARCHMSG		
SRH$_BADEXCL	08D7800C	SEARCHMSG	SEARCH	
SRH$_BADEXCLNAM	08D78014	SEARCHMSG	SEARCH	
SRH$_BADFORM	08D7801C	SEARCHMSG	SEARCH	
SRH$_BADMATCH	08D78024	SEARCHMSG	SEARCH	
SRH$_MATCHED	08D78069	SEARCHMSG	SEARCH	
SRH$_NOFILE	08D7804A	SEARCHMSG	SEARCH	
SRH$_NOMATCH	08D78071	SEARCHMSG	SEARCH	
SRH$_NOMATCHES	08D78053	SEARCHMSG	SEARCH	
SRH$_NOSTRING	08D7802C	SEARCHMSG	SEARCH	
SRH$_NULLFILE	08D7805B	SEARCHMSG	SEARCH	
SRH$_RFAERR	08D78034	SEARCHMSG	SEARCH	
SRH$_TRUNCATE	08D78063	SEARCHMSG	SEARCH	
SRH$_WDW_MAXPREV	08D7803C	SEARCHMSG	SEARCH	
SRH$_WDW_MAXPRM	08D78044	SEARCHMSG	SEARCH	
STR$ANALYZE_SDESC	00003648-RX	LIBRTL	CLI$INTERFACE	
STR$COPY_DX	00003650-RX	LIBRTL	CLI$INTERFACE	SEARCH
STR$GET1_DX	00003654-RX	LIBRTL	SEARCH	
SYS$ASCTIM	7FFEDE48	SYS$P1_VECTOR	SEARCH	
SYS$CLI	7FFEDE18	SYS$P1_VECTOR	CLI$INTERFACE	
SYS$CLOSE	7FFEE1B8	SYS$P1_VECTOR	SEARCH	
SYS$CONNECT	7FFEE1C0	SYS$P1_VECTOR	SEARCH	
SYS$CREATE	7FFEE1C8	SYS$P1_VECTOR	SEARCH	
SYS$FAO	7FFEDF50	SYS$P1_VECTOR	SEARCH	
SYS$FIND	7FFEE170	SYS$P1_VECTOR	SEARCH	
SYS$GET	7FFEE180	SYS$P1_VECTOR	SEARCH	
SYS$GETJPI	7FFEE0D8	SYS$P1_VECTOR	SEARCH	

Symbol	Value	Defined By	Referenced By ...
SYS$GETTIM	7FFEDF78	SYS$P1_VECTOR	SEARCH
SYS$OPEN	7FFEE208	SYS$P1_VECTOR	SEARCH
SYS$PARSE	7FFEE230	SYS$P1_VECTOR	SEARCH
SYS$PUT	7FFEE188	SYS$P1_VECTOR	SEARCH
SYS$SEARCH	7FFEE248	SYS$P1_VECTOR	SEARCH
SYS$TRNLOG	7FFEE058	SYS$P1_VECTOR	SEARCH

Symbols By Value

Value	Symbols...
000008D7	SEARCH$_FACILITY
00003138	R-CLI$PRESENT
0000317B	R-CLI$GET_VALUE
00003207	R-CLI$DCL_PARSE
000032B8	R-CLI$DISPATCH
000032F9	R-CLI$NEXT_QUAL
00003648	RX-STR$ANALYZE_SDESC
0000364C	RX-LIB$FREE_VM
00003650	RX-STR$COPY_DX
00003654	RX-STR$GET1_DX
00003658	RX-OTS$CVT_TI_L
0000365C	RX-LIB$FILE_SCAN
00003660	RX-LIB$LOOKUP_KEY
00003664	RX-LIB$PUT_OUTPUT
00003668	RX-LIB$STOP
0000366C	RX-LIB$SIGNAL
00003670	RX-LIB$GET_VM
000380B0	CLI$_NOCOMD
000381F0	CLI$_ABSENT
000381F8	CLI$_NEGATED
00038230	CLI$_LOCNEG
0003FD19	CLI$_PRESENT
0003FD21	CLI$_DEFAULTED
0003FD29	CLI$_CONCAT
0003FD31	CLI$_LOCPRES
0003FD39	CLI$_COMMA
08D7800C	SRH$_BADEXCL
08D78014	SRH$_BADEXCLNAM
08D7801C	SRH$_BADFORM
08D78024	SRH$_BADMATCH
08D7802C	SRH$_NOSTRING
08D78034	SRH$_RFAERR
08D7803C	SRH$_WDW_MAXPREV
08D78044	SRH$_WDW_MAXPRM
08D7804A	SRH$_NOFILE
08D78053	SRH$_NOMATCHES
08D7805B	SRH$_NULLFILE
08D78063	SRH$_TRUNCATE
08D78069	SRH$_MATCHED
08D7807[illegible]	SRH$_NOMATCH
7FFEDE18	SYS$CLI
7FFEDE48	SYS$ASCTIM
7FFEDF50	SYS$FAO
7FFEDF78	SYS$GETTIM
7FFEE058	SYS$TRNLOG
7FFEE0D8	SYS$GETJPI
7FFEE170	SYS$FIND
7FFEE180	SYS$GET
7FFEE188	SYS$PUT

```
Value                                   Symbols...
-----                                   ----------
7FFEE1B8        SYS$CLOSE
7FFEE1C0        SYS$CONNECT
7FFEE1C8        SYS$CREATE
7FFEE208        SYS$OPEN
7FFEE230        SYS$PARSE
7FFEE248        SYS$SEARCH


        Key for special characters above:
              +-------------------+
              | *  - Undefined    |
              | U  - Universal    |
              | R  - Relocatable  |
              | X  - External     |
              +-------------------+
```

```
                                        +-----------------+
                                        ! Image Synopsis !
                                        +-----------------+

Virtual memory allocated:                00000200 000037FF 00003600 (13824. bytes, 27. pages)
Stack size:                                    40. pages
Image header virtual block limits:              1.        1. (    1. block)
Image binary virtual block limits:              2.       18. (   17. blocks)
Image name and identification:           SEARCH V04-000
Number of files:                                5.
Number of modules:                              6.
Number of program sections:                    12.
Number of global symbols:                     289.
Number of cross references:                   119.
Number of image sections:                       9.
User transfer address:                   00002200
Number of code references to shareable images:     11.
Image type:                              EXECUTABLE.
Map format:                              FULL WITH CROSS REFERENCE in file _$255$DUA28:[UTIL32.LIS]SEARCH.MAP;1
Estimated map length:                    73. blocks
                                      +----------------------+
                                      ! Link Run Statistics !
                                      +----------------------+

Performance Indicators                   Page Faults   CPU Time        Elapsed Time
----------------------                   -----------   --------        ------------
    Command processing:                          106   00:00:00.14     00:00:00.30
    Pass 1:                                      132   00:00:00.82     00:00:04.84
    Allocation/Relocation:                        21   00:00:00.08     00:00:00.63
    Pass 2:                                       46   00:00:00.35     00:00:02.55
    Map data after object module synopsis:        19   00:00:00.37     00:00:00.44
    Symbol table output:                           2   00:00:00.02     00:00:00.59
Total run values:                                326   00:00:01.78     00:00:09.35

Using a working set limited to 900 pages and 76 pages of data storage (excluding image)

Total number object records read (both passes):   334
    of which 158 were in libraries and 27 were DEBUG data records containing 2377 bytes

Number of modules extracted explicitly              = 2
    with 3 extracted to resolve undefined symbols

25 library searches were for symbols not in the library searched

A total of 0 global symbol table records was written

LINK/USERLIB=PROC/EXE=EXE$:SEARCH/MAP=MAP$:SEARCH/FULL/CROSS/NOTRACE LIB$:UTIL32/INCLUDE=(SEARCH,SEARCHMSG),SYS$INPUT/OPTION
STACK=40
```

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